



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/805,285	03/22/2004	Hidechiro Katoh	0124/0026	8977

21395 7590 01/11/2008
LOUIS WOO
LAW OFFICE OF LOUIS WOO
717 NORTH FAYETTE STREET
ALEXANDRIA, VA 22314

EXAMINER

MOREHEAD, JOHN H

ART UNIT PAPER NUMBER

2622

MAIL DATE DELIVERY MODE

01/11/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/805,285

Applicant(s)

KATOH ET AL.

Examiner

John Morehead

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) 6-11 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Election/Restrictions

1. Applicant's election of fig. 1 in the reply filed on 09/24/2007 is acknowledged. Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).
2. Claims 6-11 have been withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected species, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 09/24/2007.

Specification

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

5. Claims 1-4 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

6. Claim 1 recites: *"fifth means for deciding whether or not a signal value represented by the first digital amplification-resultant signal **remains greater** than a predetermined reference value during at least a **prescribed time interval**; sixth means for selecting the second digital amplification-resultant signal when the fifth means decides that the signal value represented by the first digital amplification-resultant signal **remains greater** than the predetermined reference value during at least the prescribed time interval, and selecting the first digital amplification-resultant signal when the fifth means decides that the signal value represented by the first digital amplification-resultant signal does not remain greater than the predetermined reference value during at least the prescribed time interval."* Based upon the specification, it is unclear to one skilled in the art how the first digital amplification signal "**remains greater**" or "**does not remain greater**" than a predetermined reference value during at least a **prescribed time interval**.

7. Claim 1 further recites: *"eighth means for reading out segments of the digital video signal from a **second storage area** movable within the first storage area of the memory to generate a correction-resultant video signal; and ninth means for moving the **second storage area** relative to the first storage area in response to the shake corrective signal generated by the seventh means."* Based upon the specification, it is unclear to one skilled in the art how the **second storage area** is movable within the first storage area of the memory, furthermore it is unclear on how there are **two storage areas** within the first storage area of the memory.

8. Claim 2 recites: *"feeding the second analog signal and the third analog signal into an A/D converter on a time sharing basis to convert the second analog signal and the third analog signal into a first digital signal and a second digital signal respectively."*

Based upon the specification, it is unclear to one skilled in the art how the "time sharing basis" is used to convert the second analog signal and the third analog signal into a first digital signal and a second digital signal respectively. Furthermore, based upon the specification, it is unclear how the "time sharing basis" works as a whole. Specifically, the "time sharing basis" is based upon the switch control section, element 43f, however it is unclear on how the signal is generated from the switch control section.

9. Claim 3 recites: *"multiplexing the first and second digital signals on a time sharing basis."* Based upon the specification, it is unclear to one skilled in the art how the "time sharing basis" is used to multiplex the first and second digital signal. Furthermore, based upon the specification, it is unclear how the "time sharing basis" works as a whole. Specifically, the "time sharing basis" is based upon the switch control section, element 43f, however it is unclear on how the signal is generated from the switch control section.

10. Claim 4 recites: *"third means for feeding the second analog signal and the third analog signal to the A/D converter on a time sharing basis to convert the second analog signal and the third analog signal into a first digital signal and a second digital signal respectively."* Based upon the specification, it is unclear to one skilled in the art how the "time sharing basis" is used to convert the second analog signal and the third analog signal into a first digital signal and a second digital signal respectively. Furthermore,

based upon the specification, it is unclear how the "time sharing basis" works as a whole. Specifically, the "time sharing basis" is based upon the switch control section, element 43f, however it is unclear on how the signal is generated from the switch control section.

11. Claim 5 is rejected as being dependent upon claim 4.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Morehead whose telephone number is 571-270-1183. The examiner can normally be reached on Monday - Friday (alt) 7:30-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ngoc Yen Vu can be reached on 571-272-7320. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JM


NGOC YEN VU
SUPERVISORY PATENT EXAMINER